

(C) WPI / DERWENT

XP-002331435

AN - 2004-136448 [14]

AP - JP20010366322 20011130

CPY - RENJ

DC - A97 D22 G03 P14 P34 P73

FS - CPI;GMPI

IC - A01M1/20 ; A01N25/18 ; A01N47/48 ; A01N53/02 ; A23L3/00 ; A23L3/3535 ;
A61L9/01 ; A61L9/12 ; B32B7/02

MC - A12-W12 D03-H02F D09-A01 G03-B04

PA - (RENJ) RENG CO LTD

PN - JP2003171208 A 20030617 DW200414 A01N25/18 006pp

PR - JP20010366322 20011130

XA - C2004-054662

XIC - A01M-001/20 ; A01N-025/18 ; A01N-047/48 ; A01N-053/02 ; A23L-003/00 ;
A23L-003/3535 ; A61L-009/01 ; A61L-009/12 ; B32B-007/02

XP - N2004-108772

AB - JP2003171208 NOVELTY - A volatile chemical agent containing adhesive sheet (13a,13b) comprises gas transparent regulation layer (2,3) laminated on either side of a layer containing mixture of volatile chemical agent and resin (1). An adhesive layer (4) is provided on the outer surface of the gas transparent regulator layer.

- DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) preservation of foodstuffs, which involves affixing the adhesive sheet on the outer surface on the inner surface packed foodstuffs and maintaining the freshness of foodstuffs and also maintaining antibacterial/antimold and insect repellency; and

- (2) maintenance of clothing, which involves affixing the adhesive sheet on the outer surface or inner face of clothing/dress case or wardrobe and maintaining the insect repellency and/or antibacterial property of the clothing.

- USE - For preserving freshness of foodstuffs and also for preventing/repelling insects and growth of microbes (molds and bacteria) in clothing and foodstuffs (claimed).

- ADVANTAGE - The volatile chemical agent containing adhesive sheet can be easily adhered/struck on outer surface of packed object containing foodstuffs and clothing. The adhesive sheet has excellent antibacterial, antimold and insect repelling property and effectively maintains the insect repellent property for prolonged period.

- DESCRIPTION OF DRAWING(S) - The figure shows sectional drawing of volatile chemical agent containing adhesive sheet.

- layer containing mixture of volatile chemical agent and resin 1

- gas transparent regulation layer 2,3

- adhesive layer 4

- peeling film 5

- volatile chemical agent containing adhesive sheet 13a,13b

- (Dwg.1/2)

IW - ADHESIVE SHEET REPEL INSECT GROWTH MICROBE CLOTHING FOOD COMPRISE
GAS

TRANSPARENT REGULATE LAYER LAMINATE SIDE LAYER CONTAIN MIXTURE
VOLATILE CHEMICAL AGENT RESIN

IKW - ADHESIVE SHEET REPEL INSECT GROWTH MICROBE CLOTHING FOOD COMPRISE
GAS

TRANSPARENT REGULATE LAYER LAMINATE SIDE LAYER CONTAIN MIXTURE
VOLATILE CHEMICAL AGENT RESIN

NC - 001

OPD - 2001-11-30

ORD - 2003-06-17

PAW - (RENJ) RENGO CO LTD

TI - Adhesive sheet for repelling insects and growth of microbes in clothing and foodstuffs, comprises gas transparent regulation layer laminated on either side of layer containing mixture of volatile chemical agent and resin

A01 - [001] 2004 ; R24027-R P0599 D01 D60 F35 ; M9999 M2073 ; L9999 L2391 ; L9999 L2073

- [002] 2004 ; M9999 M2073 ; L9999 L2391 ; L9999 L2073 ; P0088-R

- [003] 2004 ; ND01 ; Q9999 Q8366-R ; Q9999 Q7589-R ; N9999 N7192 N7023 ; Q9999 Q7818-R ; N9999 N7147 N7034 N7023 ; K9574 K9483 ; K9676-R

- [004] 2004 ; Q9999 Q6644-R

- [005] 2004 ; D01 D27 D12 D10 D84 F66 ; A999 A157-R

A02 - [001] 2004 ; R00964 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58 D83 ; H0000 ; S9999 S1285-R ; P1150 ; P1343

- [002] 2004 ; ND01 ; Q9999 Q8366-R ; Q9999 Q7589-R ; N9999 N7192 N7023 ; Q9999 Q7818-R ; N9999 N7147 N7034 N7023 ; K9574 K9483 ; K9676-R

- [003] 2004 ; B9999 B5265 B4740 ; B9999 B5152-R B4740 ; N9999 N7090 N7034 N7023 ; B9999 B5447 B5414 B5403 B5276 ; K9712 K9676